

California Content Standards Alignment

7th GRADE

**Activity 7.1:
What's So Special
About Native Species?**

**Activity 7.2:
Adapted for
Survival?**

**Activity 7.3:
Survivor:
California**

Science Content Standards

3. Evolution

Biological evolution accounts for the diversity of species developed through gradual processes over many generations. As a basis for understanding this concept:

3.a. Students know both genetic variation and environmental factors are causes of evolution and diversity of organisms.	X	X	X
3.b. Students know the reasoning used by Charles Darwin in making his conclusion that natural selection is the mechanism of evolution.			X
3.d. Students know how to construct a simple branching diagram to classify living groups of organisms by shared derived characteristics, and expand the diagram to include fossil organisms.			X
3.e. Students know extinction of a species occurs when the environment changes and adaptive characteristics of a species are insufficient for its survival.	X	X	X

English-Language Arts Content Standards

Writing 2.3. Write research reports: a. Pose relevant and tightly drawn questions about the topic. b. Convey clear and accurate perspectives on the subject. c. Include evidence compiled through the formal research process (e.g., use of a card catalog, <i>Reader's Guide to Periodical Literature</i> , a computer catalog, magazines, newspapers, dictionaries). d. Document reference sources by means of footnotes and a bibliography.	X		
--	---	--	--